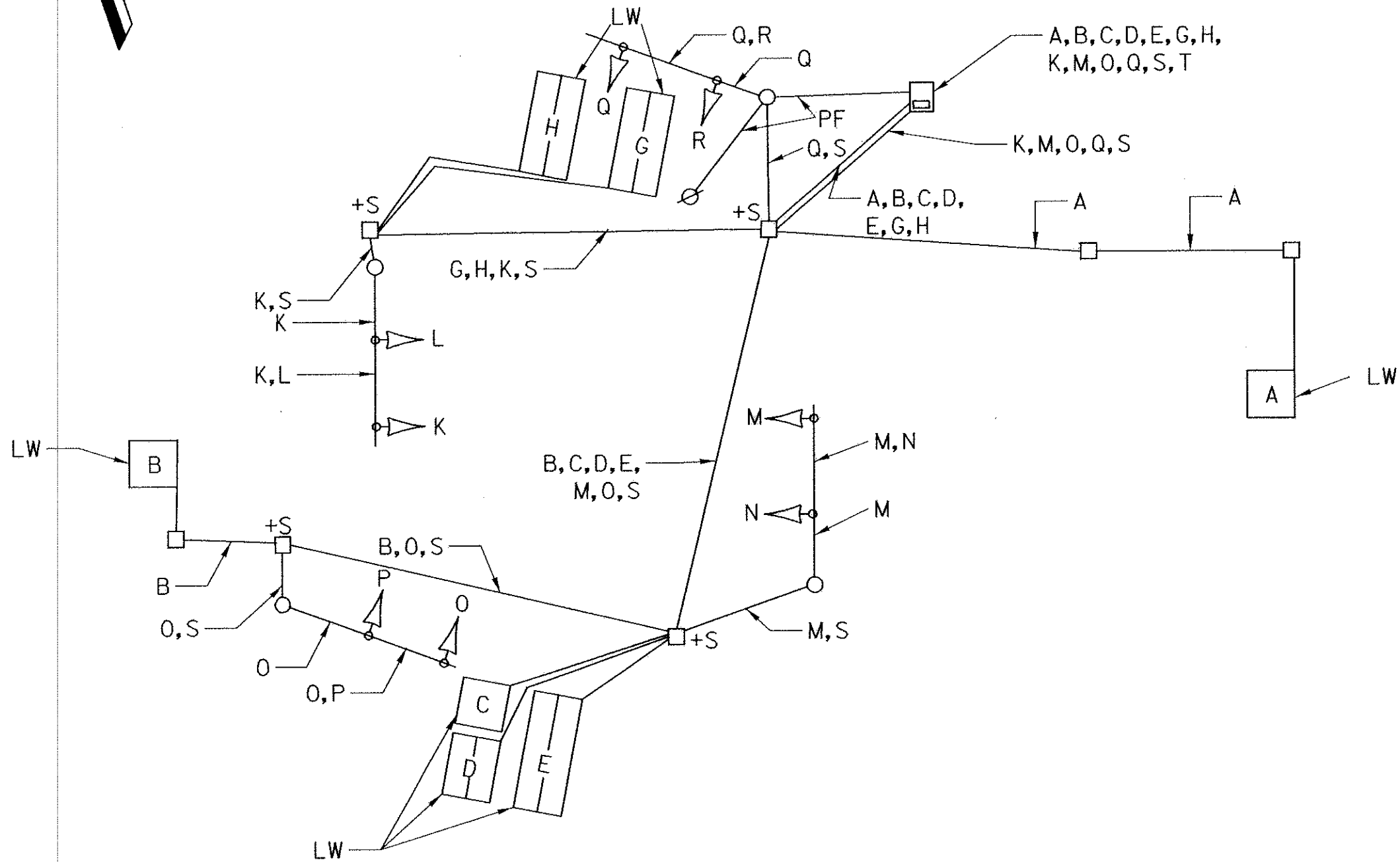


1	2	3	4	5	6	7	8
(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)
(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)
(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)

NOTE:
MD 332 IS ASSUMED TO RUN
IN EAST-WEST DIRECTION.

PHASE 2+6	G	G	G	G	R	R	R	R	→
2+6 CHANGE	Y	Y	Y	Y	R	R	R	R	→
PHASE 4+8	R	R	R	R	G	G	G	G	↑
4+8 CHANGE	R	R	R	R	Y	Y	Y	Y	↑
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	FL/R	↑

WIRING DIAGRAM



WIRING KEY

A,B,C,D, } 2-CONDUCTOR ELECTRICAL CABLE E,G,H } (ALUMINUM SHIELDED)	S } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
L,N,P,R } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	T } 3-CONDUCTOR ELECTRICAL CABLE (NO. 4 A.W.G.)
K,M,O,Q } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	LW - LOOP WIRE (NO. 14 A.W.G.) PF - POWER FEED (NO. 4 A.W.G.) + - 3/4IN. x 10 FT. GROUND ROD

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

MR. CHARLIE WATKINS
DISTRICT ENGINEER
PHONE: (301) 513-7311

MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

MR. JOE GECKLE
UTILITY ENGINEER
PHONE: (301) 513-7350

MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

THE POWER COMPANY REPRESENTATIVE IS:
POTOMAC ELECTRIC POWER COMPANY
MR. RON BEESON
8300 OLD MARLBORO PIKE
UPPER MARLBORO, MARYLAND 20772
PHONE: (301) 967-5325

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT MD 332
AND CHAMBER AVENUE/ LARCHMONT AVENUE IN PRINCE GEORGE'S COUNTY.
MD 332 IS ASSUMED TO RUN IN A EAST WEST DIRECTION.

INTERSECTION OPERATION

I. NORMAL OPERATION

THE INTERSECTION WILL OPERATE IN A NEMA (4) FOUR-PHASE FULLY-TRAFFIC-ACTUATED
MODE WITH EASTBOUND AND WESTBOUND MARYLAND 332 APPROACHES OPERATING
CONCURRENTLY. THE CHAMBER AVENUE/ LARCHMONT AVENUE APPROACHES
WILL ALSO OPERATE CONCURRENTLY.

CONTROLLER REQUIREMENTS:

A FULLY - TRAFFIC - ACTUATED - EIGHT- PHASE TRAFFIC SIGNAL CONTROLLER IN A
BASE - MOUNTED SYSTEM READY CABINET WITH TWO (2) FOUR - CHANNEL LOOP DETECTOR
AMPLIFIERS, INTERSECTION MONITOR WITH BATTERY BACK-UP FOR PHONE DROP, AND
ASSOCIATED HARNESSES HOUSED IN A NEMA SIZE "6" BASE MOUNTED CABINET.

MAINTENANCE OF TRAFFIC

THE TRAFFIC CONTROL NUMBERS SHALL BE REFERENCED
FOR THE PROJECT

STANDARD NO. MD-105.00
STANDARD NO. MD-105.01
STANDARD NO. MD-105.02
STANDARD NO. MD-105.101 (FLAGGING OPERATION)
STANDARD NO. MD-105.103 (INTERSECTION FLAGGING
OPERATION)

STANDARD NO. MD-105.105 (SHOULDER WORK)
STANDARD NO. MD-105.107 (LANE SHIFT)
STANDARD NO. MD-105.109 (LANE SHIFT)
NOTE: STANDARDS TO BE MODIFIED BY REPLACING
W21-5 SIGN WITH A W29-1 SIGN (ROAD WORK AHEAD).

SS-2

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION LOG MILE # 03014600.85

DRAWN BY: SMH
DES. BY: SMH
CHK. BY: BJH

MD 332 (CENTRAL AVENUE) AT
CHAMBER AVENUE/LARCHMONT AVENUE
SIGNAL PLAN
COUNTY: PRINCE GEORGE'S

DATE: JANUARY, 1999 F.A.P. NO. SEE TITLE SHEET
SCALE: N/A S.H.A. NO. PG321B21

TS/STD. NO.: SHEET NO.
1838B-GI1 OF X

RUMMEL, KLEPPER
& KAHL, LLP
CONSULTING ENGINEERS

81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS:	APPROVALS:
	CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER - TRAFFIC
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR OFFICE OF TRAFFIC & SAFETY